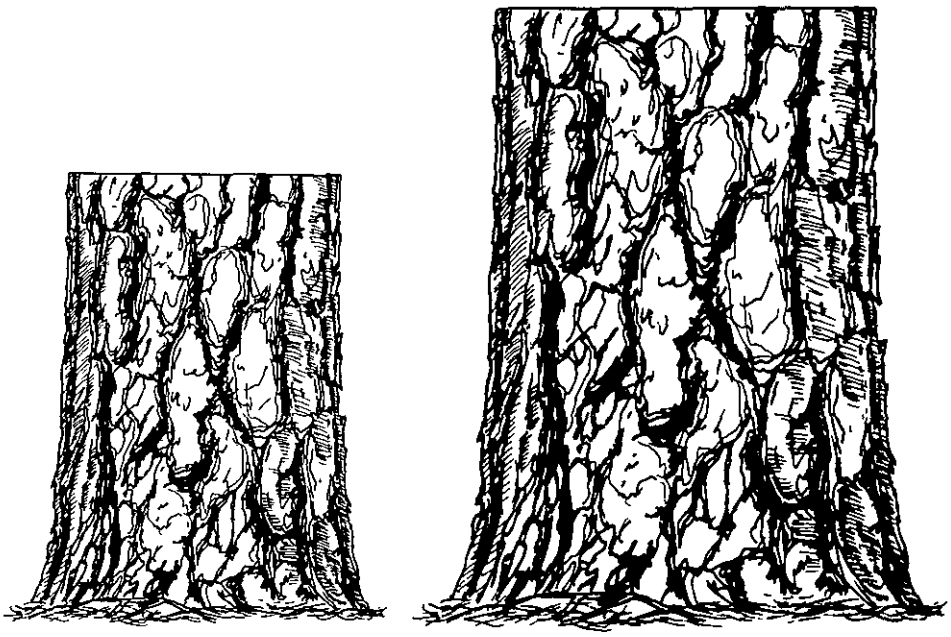
Appendix D

TIMBER PRODUCTIVITY CLASSIFICATION



APPENDIX D TIMBER PRODUCTIVITY CLASSIFICATION

An approximation of timber productivity classification is shown in Table D-1.

TABLE D-1
Timber Productivity Classification

Potential Growth Rate (cubic feet/acre/year)	Suitable Lands Thousand Acres	Unsuitable Lands1/ Thousand Acres
Less than 20	12	86
20 - 49	394	142
50 - 84	339	88
85 - 119	87	22
120 - 164	4	1
165 - 224	0	0
225 Plus	0	0
Total	**836**	**339**

1/Estimated productivity for lands, such as wilderness, where data are not available

The average growth potential of trees measured during the 1980 inventory was Site Index 67 for ponderosa pine, Site Index 73 for mixed conifer, and Site Index 36 for lodgepole pine. Site Index is a measure of height of dominant (largest) trees at age 100 (age 50 for lodgepole pine) in the stand. This correlates to an average potential production of 38 cubic feet per acre per year on the ponderosa pine sites, 59 cubic feet per acre per year on the mixed conifer sites, and 41 cubic feet per acre per year on the lodgepole pine sites provided intensive management. Actual growth rates may be significantly less.